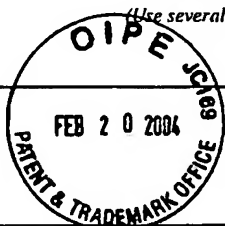


Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)	Docket Number 416272005200	Application Number 10/701,990
	Applicant Marc K. HELLERSTEIN	
	Filing Date 11/04/2003	Group Art Unit 1645/657
	Mailing Date February 20, 2004	



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Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
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Form PTO-1449		Docket Number 416272005200	Application Number 10/701,990
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		Applicant Marc K. HELLERSTEIN	
		Filing Date 11/04/2003	Group Art Unit 1645/657
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	Applicant Marc K. HELLERSTEIN	
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Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>	Docket Number 416272005200	Application Number 10/701,990
	Applicant Marc K. HELLERSTEIN	
	Filing Date 11/04/2003	Group Art Unit 1645/657
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	Applicant Marc K. HELLERSTEIN	
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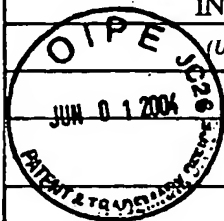
Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>	Docket Number 416272005200	Application Number 10/701,990
	Applicant Marc K. HELLERSTEIN	
	Filing Date 11/04/2003	Group Art Unit 1645/657
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Form PTO-1449	Docket Number 416272005200	Application Number 10/701,990
INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Applicant Marc K. HELLERSTEIN	
(Use several sheets if necessary)	Filing Date November 4, 2003	Group Art Unit 1645/657
	Mailing Date May 25 2004	



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Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
RG	1.	11/25/2003	6,653,090	Lopaschuk			
	2.	08/05/2003	6,602,715	Yatscoff et al.			
	3.	07/29/2003	6,599,750	Yatscoff et al.			
	4.	10/22/2002	6,468,802	Yatscoff et al.			
Y	5.	10/08/2002	6,461,870	Yatscoff et al.			

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Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO

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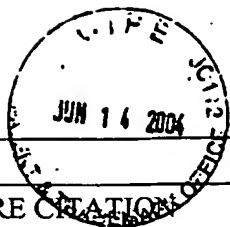
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PTO/SB/08 (2-92)

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	Mailing Date	June 9, 2004

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate

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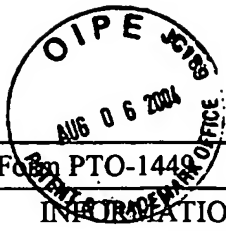
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126	1.	Hellerstein, Marc K. "In Vivo Measurement of Fluxes Through Metabolic Pathways: The Missing Link in Functional Genomics and Pharmaceutical Research" <i>Annu. Rev. Nutr.</i> 23: 379-402, March 2003.

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INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Applicant Marc K. HELLERSTEIN	
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U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
RG	1.	06/17/04	US 2004/0115131 A1	Hellerstein			

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Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO

OTHER DOCUMENTS

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Examiner Initials	Ref. No.	Title
RG	2.	International Search Report mailed on July 9, 2004, for PCT patent application no. PCT/US03/35107 filed on November 4, 2003, 2 pages.

EXAMINER: R G Lomen

DATE CONSIDERED: 11/17/07

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ALTERNATIVE TO PTO/SB/08a/b (08-03)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Complete if Known		
			Application Number	10/701,990	
			Filing Date	November 4, 2003	
			First Named Inventor	Marc K. HELLERSTEIN	
			Art Unit	1645 / 657	
			Examiner Name	Not Yet Assigned	
Sheet	1	of	1	Attorney Docket Number	416272005200

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
RG	1.	US-5,961,470	10/05/1999	Wagner et al	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² -Number ³ -Kind Code ⁴ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear T ⁵

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NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
RG	2.	International Search Report for PCT application PCT/US03/23340, filed July 25, 2003, mailed August 18, 2004: 4 pages.			
	3.	International Search Report for PCT application PCT/US03/29526, filed September 16, 2003, mailed August 18, 2004: 3 pages.			
	4.	BIER, D. M. (1997) "Stable isotopes in biosciences, their measurement and models for amino acid metabolism" Eur J Pediatr 156 [Supp. 1]: S2-S8.			
	5.	GYGI, Steven and Ruedi Aebersold (2000) "Using mass spectrometry for quantitative proteomics" <i>Proteomics: A Trends Guide</i> : 31-36.			
	6.	HANSEN, Andrew P. et al. (1992) "A Practical Method for Uniform Isotopic Labeling of Recombinant Proteins in Mammalian Cells" 31 (51): 12713-12718.			
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	10.	VEENSTRA, Timothy D. et al. (2000) "Proteome Analysis Using Selective Incorporation of Isotopically Labeled Amino Acids" <i>J. Am. Soc. Mass. Spectrom.</i> 11: 78-82.			

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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	RG L. Towner	Date Considered	1/17/07
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ALTERNATIVE TO PTO/SB/08a/b (06-03)

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete If Known			
		Application Number	10/701,990		
		Filing Date	November 4, 2003		
		First Named Inventor	Marc K. HELLERSTEIN		
		Art Unit	1645/657		
		Examiner Name	Not Yet Assigned		
Sheet	1	of	1	Attorney Docket Number	416272005200

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

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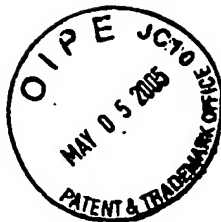
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RG	1.	Ajje, H. O. et al. (1995). "In Vivo Study of the Biosynthesis of Long-Chain Fatty Acids Using Deuterated Water" <i>American Physiological Society</i> : E247-E252.	
RG	2.	Jones, Peter J. H. et al. (1994). "Interaction of Dietary Fat Saturation and Cholesterol Level on Cholesterol Synthesis Measured Using Deuterium Incorporation" <i>Journal of Lipid Research</i> , Vol. 35: 1093-1101.	

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Examiner Signature	RG LUTOMSKA	Date Considered	11/17/07
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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	8	Attorney Docket Number	416272005200
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Complete if Known

Application Number	10/701,990
Filing Date	November 4, 2003
First Named Inventor	Marc K. HELLERSTEIN
Art Unit	1645/657
Examiner Name	Not Yet Assigned

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Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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176	1.	US-4,332,784	06-01-1982	Smith et al.	
	2.	US-5,439,803	08-08-1995	Ross et al.	
	3.	US-5,961,470	10-05-1999	Wagner et al.	
	4.	US-6,653,076	11-25-2003	Franza, Jr. et al.	
	5.	US-2003/0148533	08-07-2003	Malloy et al.	
	6.	US-2003/0180710	09-25-2003	Lee et al.	
	7.	US-2003/0180800	09-25-2003	Lee et al.	
	8.	US-2003/0228259-A1	12-11-2003	Hellerstein	
	9.	US-2004/0081994	04-29-2004	Hellerstein	
	10.	US-2004/0091943	05-13-2004	Schneider	
	11.	US-2004/0152994	08-05-2004	Meier-Augenstein	
	12.	US-2004/0253647	12-16-2004	Mathews et al.	
	13.	US-2005/0019251-A1	01-27-2005	Hellerstein	
	14.	US-2005/0053992-A1	03-10-2005	Hellerstein	
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	16.	US-10/523,250	FD 01-26-2005	Hellerstein	
	17.	US-10/526,860	FD 09-04-2003	Hellerstein	
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	20.	US-10/997,323	FD 11-23-2004	Hellerstein	
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
176	24.	WO-90/11371	10-04-1990	Anticancer, Inc.		
	25.	WO-93/25705	12-23-1993	Barranco		
	26.	WO-03/061479-A1	07/31/2003	Hellerstein		
	27.	WO-03/068919-A2	08/21/2003	Hellerstein		
	28.	WO-03/087314-A2	10/23/2003	Hellerstein		
	29.	WO-04/003493-A2	01/08/2004	Hellerstein		
	30.	WO-04/011426-A2	02/05/2004	Hellerstein		
	31.	WO-04/021863-A2	03/18/2004	Hellerstein		
	32.	WO-04/024941-A2	03/25/2004	Hellerstein		

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/701,990
				Filing Date	November 4, 2003
				First Named Inventor	Marc K. HELLERSTEIN
				Art Unit	1645 / 657
				Examiner Name	Not Yet Assigned
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126	33.	WO-04/025270-A2	03/25/2004	Hellerstein		
	34.	WO-04/042360-A2	05/21/2004	Hellerstein		
	35.	WO-05/009597-A2	02/03/2005	Hellerstein		
	36.	WO-05/015155-A2	02/17/2005	Hellerstein		
	37.	WO-05/033652-A2	04/14/2005	Hellerstein		

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NON PATENT LITERATURE DOCUMENTS			
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126	38.	International Search Report mailed on June 29, 2004, for PCT application no. PCT/US03/04183 filed on February 12, 2003, 4 pages	
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	41.	International Search Report mailed on August 18, 2004, for PCT application PCT/US03/29526, filed September 16, 2003, 3 pages	
	42.	International Search Report mailed on August 20, 2004, for PCT application no. PCT/US03/10554 filed on April 4, 2003, 4 pages	
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	44.	International Search Report mailed on March 25, 2005, for PCT application no. PCT/US04/39722 filed on November 24, 2004, 3 pages	
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Examiner Signature	126 G. TOWLER	Date Considered	11/17/07
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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/701,990
				Filing Date	November 4, 2003
				First Named Inventor	Marc K. HELLERSTEIN
				Art Unit	1645/657
				Examiner Name	Not Yet Assigned
Sheet	3	of	8	Attorney Docket Number	416272005200

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Examiner Signature	<i>R. GUTMAN</i>	Date Considered	1/17/07
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Substitute for form 1449/PTO		Complete If Known			
		Application Number	10/701,990		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Filing Date	November 4, 2003		
		First Named Inventor	Marc K. HELLERSTEIN		
		Art Unit	1645/657		
		Examiner Name	Not Yet Assigned		
Sheet	4	of	8	Attorney Docket Number	416272005200

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Examiner Signature	R. GUTOMER	Date Considered	1/17/07
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		Application Number	10/701,990		
		Filing Date	November 4, 2003		
		First Named Inventor	Marc K. HELLERSTEIN		
		Art Unit	1643/657		
		Examiner Name	Not Yet Assigned		
Sheet	5	of	8	Attorney Docket Number	416272005200

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Examiner Signature	<i>R. GITOMAN</i>	Date Considered	1/17/07
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		Art Unit	1645 / 1657		
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Sheet	6	of	8	Attorney Docket Number	416272005200

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		Application Number	10/701,990		
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		First Named Inventor	Marc K. HELLERSTEIN		
		Art Unit	1645/657		
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		Art Unit	1641/657		
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		Country Code ³ -Number ⁴ -Kind Code ² (if known)				
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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
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ALTERNATIVE TO PTO/SB/08a/b (07-05)

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sf-2115857

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				First Named Inventor	Marc K. HELLERSTEIN
				Art Unit	1841/657
				Examiner Name	D. J. Venci
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